From owner-qrp-l@netcom.com Fri Oct 21 23:11:33 1994
Message-Id: <9410211829.AA02938@ig1.att.att.com>
From: mvjf@mvubr.att.com (James M Fitton +1 508 960 2577)
Date: 21 Oct 94 18:26:00 GMT
Subject: 79er Sprint

Announcing the :

QRP-NE (QRP Club of New England)

    79er SPRINT

When: Each Thursday evening during February, 1995

Modes: CW - Crystal and VFO Control

Freq: ~ 3.579 MHz

Power Level - 5 Watts or less output power

Time: 9:00 - 10:00 p.m. EDT (0200-0300 UTC)

To Call CQ - See below

Exchange - RST QTH NE#X NAME;   ie.....579 MA NE46X Harry

Members use QRP-NE number; NE46 and Add X if XTAL control; NE46X
Non-members use Power Level; 4W and Add X if XTAL control; 4WX

 QSOs are cumulative: Work the same station on subsequent Thursdays.

  The 79er transmitter was NE-QRP's first club project. It uses a
  3579.545 kHz crystal to set the frequency. These crystals are used
  in the color-burst oscillator of all color TV sets in the United
  States and Canada, and in other devices as well.

  The 79er event is an on-the-air get-together, not a contest. Last
  year, everyone used homebrew transmitters with colorburst crystals.
  This year, we'll let you upscale VFO users join us, but you can't
  work each other! That's right, if you want to work everyone in the
  contest, you have to use crystal control. Crystal-controlled
  stations append the letter "X" to their calls, such as "KR1S/X."
  Yes, it's legal. VFO-controlled stations work only /X stations;
  /X stations work everyone. We hope this will stimulate everyone
  to build a crystal-controlled transmitter to use during the
  contest!

Send Logs to: Jim Kearman
83 Main Street Apt 13C
Newington, CT 06111
(or)
e-mail Logs to: jkearman@arrl.org

Logs need to be received by March 10, in order
to be included in the April issue of "72".

State Output Power Level, and Antenna Type on logs.

Watch out: W1AW transmits bulletins at 10:00 pm. on 3.581 MHz

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Transmitter Reference articles:

In case you were wondering, "79er" comes from 3.579 MHz

Articles abound on building a simple crystal controlled
transmitter for 80 meters. Try the "Universal QRP Transmitter",
page 26 of "Solid State Design " (ARRL), or "The Oner" (Sprat),
or "The Cubic Incher" (ARRL), or "The 79er"/"Colorburst Special"
(QRP-NE).

---------- ----------

Crystal operating technique is very different !
You had better think twice before touching that key.
Many stations will be sharing a single frequency
and an uninformed or inconsiderate operator could
easily be mistaken for a dope; Or worse.

Simple rules for the VFO operator.

Do not call crystal stations on frequency.
Crystal stations listen way up and down the band.
Give a crystal station a long call, breaking
in between, for a reply.
Crystal stations may have a slow T-R switch.

---------- ----------

72 W1FMR

From owner-qrp-l@netcom.com Fri Oct 21 10:13:11 1994
From: Gary M Diana <gmd@rfc.comm.harris.com>
Message-Id: <199410211200.IAA17681@usc02.rfc.comm.harris.com>
Date: Fri, 21 Oct 94 08:00:52 -0400
Subject: <didn't bother with a subject>

subscribe qrp-l

From owner-qrp-l@netcom.com Fri Oct 21 11:58:12 1994
Date: Thu, 20 Oct 94 19:27:52 -0500
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9410210027.AA10838@chuck.dallas.sgi.com>
Subject: Audio Output

Gang,

Some people have wanted higher audio output for their rigs, namely the NorCal 40 has been mentioned.

I was in Tanner Electronics last week and purchased a kit (oh no, not another kit!!), but not to worry, it's about 1 inch square board. It is from Marlin P. Jones & Assoc., Inc., P.O.Box 12685, Lake Park, FL 33403-0685 (407) 848-8236 and fax (407) 844-8764.

It has a 2.2uF cap in series with a 1K resistor and 10K log pot for input to a TDA7052 chip. Rated a 1W with 8 ohm output and runs on 3V-15V DC.

Quiescent current of 4mA at 6V and 8mA at 15V, so this will add a great deal to your receive current in the NC40.

Gain of 39dBand 1.2W out with 0.2% THD. I haven't fired it up yet, but will try it later. Tanner Electronics here in Dallas hasa new display with various kits and the board for this one looks very good. Blue soldermask and it's a single sided board plated and silk screened. I think the chip is made by Phillips (it's a very small icon :-)).

Comes with all the parts for $7.95, but I don't know what your hit will be for postage. Probably $0.52 cents or so in a padded envelope.

FYI,

dit dit de K5FO/6

SIG
Chuck Adams K5FO CP-60
adams@sgi.com

From owner-qrp-l@netcom.com Fri Oct 21 08:42:49 1994
Date: Fri, 21 Oct 1994 11:00:27 +0000
From: david@rmit.edu.au (David Taylor)
Subject: Re: Best Beginners Kit-> by FAR
Message-Id: <01HIJAOPGQZ68WXUFC@pitvax.xx.rmit.edu.au>

Greetings QRP'rs

Jeff, AC4HF, writes enthusiastically about his NorCal 40....

>Tuning the receiver couldn't be easier. There are two small
>adjustable capacitors.. you merely put on your headphones and
>adjust them for the loudest noise.. Put in my tiny screwdriver to
>peak them.. I hear CW coming out of the phone.. no antenna hooked
>up except the tiny screwdriver.. very good sign. The caps have
>clear peaks.. took about 30 seconds.

The Rx must be DC with only two trimmers - a superhet would be more
complex? Could you give a rundown of the devices used please?

>*good thing I have given up writing

Please, a couple of pars more ;-)

72 David VK3JKP

David Taylor
RMIT (Bundoora Campus)
david@rmit.edu.au

From owner-qrp-l@netcom.com Fri Oct 21 17:24:45 1994
Message-Id: <199410211633.BAA17320@inetnif.niftyserve.or.jp>
Date: Sat, 22 Oct 1994 01:32:00 +0900
From: =?ISO-2022-JP?B?GyRAMEJFbCEhPVM5LBsoSg==?=
Subject: Correction of Japan QRP info

Hi everybody.

Please let me correct the information of JA1AA's ranking.
His DXCC for 5W is just 222/229 and he has WAC for 50mW!
He even worked
Regards,
Toshi Ando JK1APL

From owner-qrp-l@netcom.com Fri Oct 21 09:58:28 1994
Message-Id: <199410210219.TAA18706@mail3.netcom.com>
Subject: How would you define QRP?
Date: Fri, 21 Oct 1994 10:08:47 +0800 (SST)
From: Edwin Teh <s2202629@np.ac.sg>

How much power does one use before it is considered QRP?

1-5 watts? in terms of milliwatts?

Pardon if this is a newbie question, I was jsutwondering where the line was drawn...

(_IF_ it was 5watts, and my rig came to 5.2 watts, is it no longer QRP?)

Just curious...

From owner-qrp-l@netcom.com Fri Oct 21 15:39:08 1994
Date: Fri, 21 Oct 1994 15:20:33 -0230 (NDT)
From: Robert Gobrick <bgobrick@random.ucs.mun.ca>
Subject: Re: How would you define QRP?
Message-Id: <Pine.3.87.9410211533.C9269-0100000@random.ucs.mun.ca>

Edwin - I'm sure you'll get a few replies on this. Common North American (world) usage is 0 to 1 watt (999mw - not including 1 watt) is QRPp; 1 watt up to 5 watts (including) is QRP and anything over is QRO - so your 5.02 watt rig is classified with the killowatts - only kidding.

Edwin what you need to do is to get another wattmeter that READS 5 watts for you rig to make it LEGAL.

Sorry for this humourous answer - it's TGIF here in Newfoundland.

73 Bob VO1DRB/WA6ERB

On Fri, 21 Oct 1994, Edwin Teh wrote:

> How much power does one use before it is considered QRP?
>
> 1-5 watts? in terms of milliwatts?
>

> Pardon if this is a newbie question, I was jsutwondering where the line was
> drawn...
>
> (_IF_ it was 5watts, and my rig came to 5.2 watts, is it no longer QRP?)
>
> Just curious...
>
>

From owner-qrp-l@netcom.com Fri Oct 21 19:01:43 1994
Message-Id: <199410211955.AA06303@halcyon.com>
Date: Fri, 21 Oct 1994 12:55:55 -0700
From: xenolith@halcyon.com (Kevin Purcell)
Subject: Re: How would you define QRP?

>How much power does one use before it is considered QRP?
>
>1-5 watts? in terms of milliwatts?
>
>Pardon if this is a newbie question, I was jsutwondering where the line was
>drawn...
>
>(_IF_ it was 5watts, and my rig came to 5.2 watts, is it no longer QRP?)
>
>Just curious...

Pertty much internationally 5W (37dBm) carrier for CW and 10W PEP for SSB.

QRP ARCI (and others) limit you to 5W PEP in their contests.

The G-QRP use to adhere to 5W DC input. This was a hangover from the old
days when measuring RF power was considered a great mystery -- I think Ade
Weiss W0RSP sorted them out on that one. It did have the advantage of
encourgaing efficient TX PAs though! They moved a few years back from the
5W in to 5W RF out for international consitency.

Milliwatting is < 1 W (30dBm) and a little more challenging than regular
QRP (well, you are an S unit down).

Kevin Purcell | xenolith@halcyon.com | 206/649-6489
Seattle dBug Mac Developers SIG Organiser | kevinpu@atm.com | N7WIM + G8UDP

From owner-qrp-l@netcom.com Fri Oct 21 22:35:46 1994
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: How would you define QRP?

Date: Fri, 21 Oct 94 18:31:55 EST5EDT
Message-Id: <1994Oct21.183155.14187@wb3ffv.ampr.org>

(Note the quotes...) "The generally accepted definition currently used by most major QRP groups of the world is 5 watts output or less to be considered QRP." (end of quote) That's a canned statement, of sorts, and open to lots of debate, but that's the general rule of thumb. (And if you find yourself running 5.2 watts by mistake, you still can have a lot of fun!) 73 and Queue Our Pea de WA8MCQ
--
Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Fri Oct 21 22:36:39 1994
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: How would you define QRP?
Date: Fri, 21 Oct 94 18:47:09 EST5EDT
Message-Id: <1994Oct21.184709.14187@wb3ffv.ampr.org>

Interesting to see you mention the term QRPp for under one watt. It still surfaces from time to time (and I like it). I remember reading in an old issue of QST, probably mid 80's or earlier, someone in their column said something to the effect that "let's cut out this QRPp nonsense; QRP is QRP and that's it and let's stop this blasted QRPp." I think it started fading from general usage around then, though that's only a guess since I was not active in ham radio at the time. I sure wouldn't mind seeing it come back into general use, though, at least within the QRP community; there's a big difference between "high power" QRP and getting down into the milliwatts! 73 and Queue Our Pea de WA8MCQ
--
Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Fri Oct 21 10:48:32 1994
Date: Fri, 21 Oct 1994 07:11:43 -0400
From: Scott Cranston <cranston@zk3.dec.com>
Message-Id: <9410211111.AA22209@alpha.zk3.dec.com>
Subject: Re: Index Labs QRP phone #

The November issue of CQ magazine has a review (more like a commentary) of the QRP Plus by Dave Ingram.... has a couple of pictures of it if you've never seen one. Index Labs also has an add for the QRP PLus.

Scott, kb1nw

From owner-qrp-l@netcom.com Fri Oct 21 23:37:48 1994
Date: Fri, 21 Oct 94 13:52:58 EDT
From: teda@meaddata.com (Ted Albert)
Message-Id: <9410211752.AA07042@rain.meaddata.com>
Subject: MV104 specs

Anyone have a data sheet handy on the MV104 varactor diode? I want to
use one in my 160 meter VFO, but I do not know what the min/max capacitance
is.

73 de Ted, KF8EE

From owner-qrp-l@netcom.com Fri Oct 21 13:21:09 1994
Message-Id: <m0qyM8W-00008iC@juts.ccc.amdahl.com>
Date: Friday, 21 October 1994 08:40 PT
From: bruce.florip@amail.amdahl.com
Subject: NrCl40 audio fix/Sierra Arrives

Hi Group!
   I already sent this to Wayne for the NC40a or whatever round two gets
named:

   My fix for the NC40 audio was to replace the LM-386-1 with an LM-386-4.

   Then, (cover your eyes) cut the trace from the 8 Volt source that feeds the
LM-386 and run a jumper to the switched 12 Volt line. I hear they were made to
be modified :)

   For me this was the change that made the NorCal "feel" just right!

   P.S. My Sierra arrived. Nice Package and good looking parts. The only thing
I found in my first look was a broken small red toroid core in a band module
pack. I think I have some, so no big deal. The construction starts on Sunday
After Pacificon at the Concord Ca. Hilton is over.

                     73, and thanks to all for the entertainment!
                          Bruce aa7ar/6 qth Santa Clara, CA.

From owner-qrp-l@netcom.com Fri Oct 21 12:24:37 1994
Message-Id: <9410211211.AA02443@stealth>
Subject: qrp
Date: Fri, 21 Oct 94 08:11:37 -0400
From: "\"\"Andrew Comas - Credit Suisse - Treasury.\"\"" <comas@csusa.ska.com>

qrp

From owner-qrp-l@netcom.com Sat Oct 22 01:30:09 1994
Date: Fri, 21 Oct 1994 13:03:15 -0600 (CST)
From: "David Fentem" <fentem@esmlsun.gatech.edu>
Message-Id: <46996.fentem@esmlsun.gatech.edu>
Subject: QRP Plus Digital Interface

Has anyone worked out a digital interface for the Index Labs QRP
transceiver?

I'd like to add an RS-232 port to control it from a notebook PC. Primary
goal is to use the notebook as a keyboard keyer and logger (getting freq
data from the rig). The two together would make a very nice portable FD
combo.

-Dave, KW4M

+---+
David R. Fentem	david.fentem@gtri.gatech.edu
Georgia Tech Research Institute	CompuServe: 70674,3306
GTRI/ELSYS/ESMD	Voice: (404) 894-7045
Atlanta, GA 30332-0800	FAX: (404) 894-7080
+---+

From owner-qrp-l@netcom.com Fri Oct 21 09:09:28 1994
Date: Fri, 21 Oct 1994 10:45:00 +0000
From: william.redfearn.cmwdr01@nt.com
Message-Id: <"3941 Fri Oct 21 05:44:51 1994"@nt.com>
Subject: QRP+ - finally here!

My new Index Labs QRP+ arrived last evening.
Its been a long wait since July but worth it, I think.
Unfortunately a long meeting last night prevented me from doing
much with it. I did get it unpacked, set up and tuned around 40
meters a little after 10 pm last night. So far it works fine.
I hope to set it side-by-side with a Ten Tec Scout and see how
they compare. I'll post the results.
73 - Dave.

==
Dave Redfearn, SR PC LAN Analyst   Northern Telecom RTP, NC.
ph.(919) 992-3925 email: cmwdr01@nt.com   qrl? de N4ELM/qrp

All opinions are my own and do not necessarily reflect the views of
my employer, co-workers or any other person, real or imaginary.

From owner-qrp-l@netcom.com Fri Oct 21 15:04:46 1994
From: Toshiyuki Ando <ando@oecj.co.jp>
Message-Id: <9410211437.AA26909@take.oecj.co.jp>
Subject: Re: QRP+ - finally here!
Date: Fri, 21 Oct 94 23:37:50 JST

Hi Dave,
I am very interested in Index Lab QRP rig.
Do they manufacuture the rigs per each order? Then it takes so long to ship the rig? Does it appear in any amateur radio magazines?
What is the payment terms to purchase it?
I thank you very much for your information and enjoy your QRP life!

Toshi Ando
JK1APL (Tokyo Japan)

From owner-qrp-l@netcom.com Sat Oct 22 02:12:23 1994
Date: Fri, 21 Oct 1994 15:14:37 -0230 (NDT)
From: Robert Gobrick <bgobrick@random.ucs.mun.ca>
Subject: Re: QRP+ - finally here!
Message-Id: <Pine.3.87.9410211537.B9269-0100000@random.ucs.mun.ca>

Dave - anxiously waiting to hear the "big QRP rig" shootout. I somwhat familiar with the Scout but would sure like to hear what you think of reciever in Index Labs unit - sensitivity on all bands, dynamic range (front end overload), selectivity of stepped capacitiance audio filter vs Jones IF filter. How's the synthesizer work - can it really be used for split freq DX work (something the Scout lacks). Anyway thanks for volunteering a review of the shootout.

72 Bob VO1DRB/WA6ERB (Spell checker a pain with this INET PINE editor - please escuuuus)

On Fri, 21 Oct 1994 william.redfearn.cmwdr01@nt.com wrote:

> My new Index Labs QRP+ arrived last evening.
> Its been a long wait since July but worth it, I think.
> Unfortunately a long meeting last night prevented me from doing
> much with it. I did get it unpacked, set up and tuned around 40
> meters a little after 10 pm last night. So far it works fine.
> I hope to set it side-by-side with a Ten Tec Scout and see how
> they compare. I'll post the results.
> 73 - Dave.
>
> ==========

> Dave Redfearn, SR PC LAN Analyst   Northern Telecom RTP, NC.
> ph.(919) 992-3925 email: cmwdr01@nt.com   qrl? de N4ELM/qrp
>
> All opinions are my own and do not necessarily reflect the views of
> my employer, co-workers or any other person, real or imaginary.
>
>

From owner-qrp-l@netcom.com Sat Oct 22 00:13:10 1994
From: JEVERHART@cayman.vf.ge.com
Date: Fri, 21 Oct 1994 21:51:18 -0400 (EDT)
Message-Id: <941021215118.2101d605@cayman.vf.ge.com>
Subject: QRPARCI SEN

After a fairly long hiatus, I've recently been trying to check into the Tuesday night SEN. I believe it is on Tuesday night at 2000 (EDST this time of year), on 7030 kHz. K3TKS or KH6CP/1 or W1FMR used to be the usual net control stations. I haven't heard a peep from either of them or any others in the net for the last several weeks.

Has anyone else checked in lately?

Is my info wrong?

I know my rig and antenna are working 'cuz I "got out" during the QRPARCI QSO party - in fact I even heard 'TKS and worked CP/1.

Wazzup???

72,

Joe E. N2CX

From owner-qrp-l@netcom.com Fri Oct 21 03:35:09 1994
Date: Thu, 20 Oct 1994 22:13:49 -0500 (CDT)
From: Conard F Murray <CFM5723@tntech.edu>
Subject: RAdio Shack DSP Query
Message-Id: <01HIIJWTVQNSB61S20@tntech.edu>

Hello everyone! I was thinking about procuring a DSP from Radio Shack. Has anyone tried one out? My first reaction has been doubtful, but who knows? They (radio shack) have to get something right every once in a while. P.S. If anyone needs any red LEDs, please let me know.......72 and thanks de Conard WS4S
Weak Signal 4 Sure
CFM5723@tntech.edu

From owner-qrp-l@netcom.com Fri Oct 21 10:58:25 1994

Date: Fri, 21 Oct 94 07:15:28 EDT
From: hysell@itc.Kodak.COM (John D. Hysell)
Message-Id: <9410211115.AA14094@runner.itc.Kodak.COM>
Subject: Ten-Tec transverter

Kevin writes:
>>Is Dave the only person on the list to have bought one

Nope - I ordered one in Aug, and got mine one day later than Dave...

I looked though it briefly last night, and am anxious to get it on the air. Looks like a VERY well created kit. I had already bought the Ten-Tec 2 meter brick amplifier kit, and am very impressed with how well it is designed, and how well that kit was organized. -here's hoping the transverter works out as well.

73 de KF2XC
-John
hysell@kodak.com

From owner-qrp-l@netcom.com Fri Oct 21 09:54:55 1994
Date: Thu, 20 Oct 1994 22:21:15 -0600 (MDT)
From: Robert Cutter <bcutter@csn.org>
Subject: TenTec 6M xvtr
Message-Id: <Pine.3.89.9410202205.A20290-0100000@teal.csn.org>

Has anyone any ideas for a good attenuator to drop my 25-100 w. rig to 5w. I can internally adjust the rig to a range of 5-50 but I would prefer something external and fail safe.

Looks like a great kit. Let's all encourage TenTec to keep on the kit track.

72, Bob KI0G

From owner-qrp-l@netcom.com Fri Oct 21 09:28:41 1994
Subject: test 1 2 3
Date: Thu, 20 Oct 1994 20:38:51 -0500 (CDT)
From: Robert Wood <w5robert@blkbox.COM>
Message-Id: <9410202038.aa28928@blkbox.COM>

....

From owner-qrp-l@netcom.com Fri Oct 21 12:33:43 1994
From: alsun150!jvm@aluxs.att.com (Jim Morgan)
Date: Fri, 21 Oct 94 08:23:44 EDT
Message-Id: <9410211223.AA11919@alsun150>
Subject: Re: W5YM MYSTERY

>
> Weren't "W#Yx" calls issued as club calls at one time, long ago?
>
> I know Stanford is W6YX. I think club calls are not on the QRZ! data base
> because they're not on the FCC computer. Indeed, I just looked at
> W6YX isn't in QRZ! either.
>
> Rich, KO6CL
>
>

I think you are right... Purdue is W9YB, and Illinois is W9YH (I think).

FWIW, club calls have been handled manually by the FCC for a long time, and it wouldn't surprise me if they are not in a database. It has only been recently that they showed up in the Buffalo callsign server. I think that's why they (FCC) discontinued issuing them for a period.

Some other club calls to check in your database: W4UVA - Univ. of Virginia ARC in Charlottesville; WA3TUW - Allentown Works ARC (AT&T) - Allentown PA.

Jim WX4D/3 jvm@aluxpo.att.com